

- 1 1. A method comprising:
2 receiving a file including characters;
3 converting said file to a first code format if
4 the characters are of a first type; and
5 converting said file to a second code format if
6 said characters are of a second type.

- 1 2. The method of claim 1 including receiving a web
2 page in a plane, row and column format.

- 1 3. The method of claim 1 including checking to
2 determine whether a character set plane is changed.

- 1 4. The method of claim 3 wherein if the character
2 set plane is changed, inserting a new character set
3 designator.

- 1 5. The method of claim 3 including determining
2 whether the characters in the file are defined according to
3 the first code format.

- 1 6. The method of claim 5 wherein if said characters
2 are coded according to said first code format, table
3 mapping Unicode values to said first code format.

1 7. The method of claim 5 wherein if said first code
2 format is not utilized, using the surrogate area of
3 Unicode.

1 8. The method of claim 7 including using a surrogate
2 value to find a font file location and offset.

1 9. The method of claim 7 including dividing font
2 files into planes.

1 10. The method of claim 9 including selectively
2 determining a font for a particular character from plane,
3 row and column information or from surrogate Unicode
4 information.

1 11. An article comprising a medium storing
2 instructions that enable a processor-based system to:
3 receive a file including characters;
4 convert the file to a first code format if the
5 characters are of a first type; and
6 convert said file to a second code format if said
7 characters are of a second type.

1 12. The article of claim 11 further storing
2 instructions that enable the processor-based system to
3 receive a web page in a plane, row and column format.

1 18. The article of claim 17 further storing
2 instructions that enable the processor-based system to use
3 a surrogate value to find a font file location offset.

1 19. The article of claim 17 further storing
2 instructions that enable the processor-based system to
3 divide font files into planes.

1 20. The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 selectively determine a font for a particular character
4 from plane, row and column information or from surrogate
5 Unicode information.

1 21. A system comprising:
2 a processor; and
3 a storage coupled to the processor, the storage
4 storing a browser that is able to receive a file including
5 characters, convert the file to a first code format if the
6 characters are of a first type and convert said file to a
7 second code format if said characters are of a second type.

1 22. The system of claim 21 wherein the storage stores
2 instructions that enable the processor to receive a web
3 page in a plane, row and column format.

1 23. The system of claim 21 wherein said storage
2 stores instructions that enable the processor to map
3 Unicode values to the first code format if the characters
4 are coded according to first code format.

1 24. The system of claim 23 wherein said storage
2 stores instructions that enable the processor to use a
3 surrogate area of Unicode if the first code format is not
4 utilized.

1 25. The system of claim 21 wherein said storage
2 stores instructions that enable the processor to
3 selectively determine a font for a particular character
4 from plane, row and column information or from the
5 surrogate Unicode information.

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